```
FILE 'MEDLINE' ENTERED AT 10:34:37 ON 21 AUG 2003

FILE 'BIOSIS' ENTERED AT 10:34:37 ON 21 AUG 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'CAPLUS' ENTERED AT 10:34:37 ON 21 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 10:34:37 ON 21 AUG 2003
COPYRIGHT (C) 2003 Elsevier Science B.V.  All rights reserved.

=> s PrP (p)isoform
L1        1478 PRP (P) ISOFORM

=> s l1 (p)size
L2          57 L1 (P) SIZE

=> s l2 (p)ratio
L3           0 L2 (P) RATIO

=> s l2(p)sc
L4          23 L2(P) SC

=> duplicate remove l4
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, EMBASE'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L4
L5          14 DUPLICATE REMOVE L4 (9 DUPLICATES REMOVED)

=>
```

```
FILE 'MEDLINE' ENTERED AT 12:21:05 ON 21 AUG 2003

FILE 'BIOSIS' ENTERED AT 12:21:05 ON 21 AUG 2003
COPYRIGHT (C) 2003 BIOLOGICAL ABSTRACTS INC.(R)

FILE 'CAPLUS' ENTERED AT 12:21:05 ON 21 AUG 2003
USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.
PLEASE SEE "HELP USAGETERMS" FOR DETAILS.
COPYRIGHT (C) 2003 AMERICAN CHEMICAL SOCIETY (ACS)

FILE 'EMBASE' ENTERED AT 12:21:05 ON 21 AUG 2003
COPYRIGHT (C) 2003 Elsevier Science B.V.  All rights reserved.

=> s prion(w)(spleen or lymph or tonsil)
L1              0 PRION(W)(SPLEEN OR LYMPH OR TONSIL)

=> s prion(p)(spleen or lymph or tonsil)
L2            438 PRION(P)(SPLEEN OR LYMPH OR TONSIL)

=> s l2(p)deriv?
L3             30 L2(P) DERIV?

=> duplicate remove l3
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, CAPLUS, EMBASE'
KEEP DUPLICATES FROM MORE THAN ONE FILE?  Y/(N):n
PROCESSING COMPLETED FOR L3
L4             13 DUPLICATE REMOVE L3 (17 DUPLICATES REMOVED)

=> d his

     (FILE 'HOME' ENTERED AT 12:20:42 ON 21 AUG 2003)

     FILE 'MEDLINE, BIOSIS, CAPLUS, EMBASE' ENTERED AT 12:21:05 ON 21 AUG 2003
L1              0 S PRION(W)(SPLEEN OR LYMPH OR TONSIL)
L2            438 S PRION(P)(SPLEEN OR LYMPH OR TONSIL)
L3             30 S L2(P)DERIV?
L4             13 DUPLICATE REMOVE L3 (17 DUPLICATES REMOVED)
```

WEST

Freeform Search

Database:
- US Patent Full-Text Database
- US Pre-Grant Publication Full-Text Database
- JPO Abstracts Database
- EPO Abstracts Database
- Derwent World Patents Index
- IBM Technical Disclosure Bulletins

Term:
```
tonsil same prion
```

Display: `10` Documents in **Display Format:** `CIT` **Starting with Number** `1`

Generate: ○ Hit List ◉ Hit Count ○ Side by Side ○ Image

| Search | Clear | Help | Logout | Interrupt |

| Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases |

Search History

DATE: Thursday, August 21, 2003   Printable Copy   Create Case

Set Name	Query	Hit Count	Set Name
side by side			result set
	DB=USPT; PLUR=YES; OP=OR		
L7	tonsil same prion	7	L7
L6	spleen same prion	25	L6
L5	lymph same prion	14	L5
L4	PrP same (spleen or tonsil or lymph)	34	L4
L3	prion same (spleen or tonsil or lymph)	34	L3
L2	L1 same (spleen or tonsil or lymph)	7	L2
L1	prion same PrP	123	L1

END OF SEARCH HISTORY

WEST

Freeform Search

Database:
> US Patent Full-Text Database
> US Pre-Grant Publication Full-Text Database
> JPO Abstracts Database
> EPO Abstracts Database
> Derwent World Patents Index
> IBM Technical Disclosure Bulletins

Term:
> ll same size

Display: `10` Documents in **Display Format:** `CIT` **Starting with Number** `1`

Generate: ○ **Hit List** ◉ **Hit Count** ○ **Side by Side** ○ **Image**

[Search] [Clear] [Help] [Logout] [Interrupt]

| Main Menu | Show S Numbers | Edit S Numbers | Preferences | Cases |

Search History

DATE: Thursday, August 21, 2003   Printable Copy   Create Case

Set Name side by side	Query	Hit Count	Set Name result set
DB=USPT; PLUR=YES; OP=OR			
L5	L4 same ratio	0	L5
L4	ll same size	14	L4
L3	ll same Sc	5	L3
L2	L1 same glyco$	25	L2
L1	prion same PrP	123	L1

END OF SEARCH HISTORY

L4   ANSWER 12 OF 13   CAPLUS   COPYRIGHT 2003 ACS on STN
AN   1997:593181   CAPLUS
DN   127:245135
TI   Proteinase K-resistant prion protein detection in animal tissues and in
        vitro
AU   Race, Richard E.; Ernst, Darwin
CS   Laboratory of Presistent Viral Diseases, Rocky Mountain Laboratories,
        National Institute of Allergy and Infectious Diseases, National Institutes
        of Health, Hamilton, MT, USA
SO   Bovine Spongiform Encephalopathy: The BSE Dilemma, [Proceedings of the
        International Workshop on Bovine Spongiform Encephalopathy: The BSE
        Dilemma], 6th, Williamsburg, Va., Feb. 26-Mar. 1, 1995 (1996), 317-324.
        Editor(s): Gibbs, Clarence J. Publisher: Springer, New York, N. Y.
        CODEN: 64ZIAF
DT   Conference
LA   English
AB   The proteinase K-resistant form (PrP-res) of the endogenous **prion**
        protein (PrP-sen) was detected in brain and **spleen** of mice;
        spleen, and **lymph** node of naturally infected sheep; and
        in vitro in scrapie-infected mouse neuroblastoma cells.   In these
        situations detection of PrP-res by immunoblotting was compared to
        detection of infectious scrapie agent by bioassay in mice.   In addn., we
        showed that detection of PrP-res in sheep brain, **spleen**, or
        lymph node identified more scrapie-pos. sheep than could be
        identified using microscopic evaluation of sheep brain.   PrP-res was also
        detected in the brains of cattle exptl. inoculated intracerebrally with a
        brain homogenated **derived** from scrapie pos. sheep.   The results
        suggested that surveillance for bovine spongiform encephalophthy-like
        disease in cattle should include diagnostic methods based on detection of
        PrP-res.